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NPIC/R-799/64

August 1964

PHOTOGRAPHIC INTERPRETATION REPORT

TCS-7815/64

Copy

27 Pages

OAK - PART I  
MISSION 1009-2  
9-13 AUGUST 1964



CIA



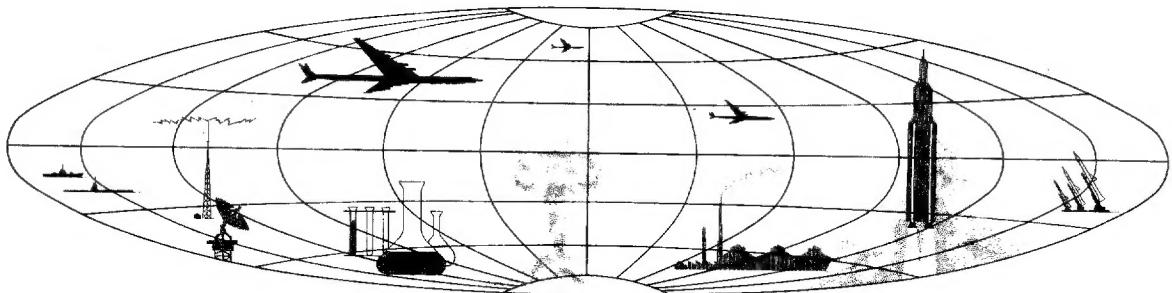
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GROUP I  
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## OAK - PART I

## MISSION 1009-2

### PREFACE

THIS IS THE FIRST OF AN ESTIMATED TWO DAILY OAK REPORTS BASED ON MISSION 1009-2 AND DEALING WITH THE HIGHEST-PRIORITY INTELLIGENCE ITEMS APPEARING IN THE COMOR TARGET LIST. THIS REPORT, COVERING THE OAK REPORTING PERIOD 0800 TO 1500, 18 AUGUST 1964, PRESENTS INFORMATION ONLY ON THOSE COMOR TARGETS OBSERVED ON THE PHOTOGRAPHY.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET OBSERVED AND REPORTED FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE SUFFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH) OR D FOR DESCENDING (NORTH-TO-SOUTH). FRAMES ARE INDICATED BY THE LETTERS FR. THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA, AND THE LETTER A INDICATES THE AFT CAMERA. UNIVERSAL REFERENCE GRID (X-Y) COORDINATES ARE GIVEN IN PARENTHESIS AFTER THE FRAME TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), H (HAZE), HC (HEAVY CLOUD COVER), SC (SCATTERED CLOUD COVER), SD (SEMDARKNESS), O (OBLIQUITY), S (SNOW), PQ (POOR IMAGE QUALITY).

OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY FROM MISSION 1009-2 IS BEING ACCOMPLISHED IN A SHORT TIME AND OFTEN WITHOUT THE AID OF PRECISE ANALYTICAL AND MENSURAL EQUIPMENT COMMONLY EMPLOYED IN DETAILED PHOTOGRAPHIC ANALYSIS. CONSEQUENTLY, ALTHOUGH THE INFORMATION PRESENTED HEREIN IS ESSENTIALLY ACCURATE, FUTURE, DETAILED ANALYSIS MAY SOMEWHAT ALTER PORTIONS OF THE INFORMATION.

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## **Highlights**

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HIGHLIGHTS

1. TYURATAM MISSILE TEST CENTER (COMOR)

THE ENTIRE MISSILE TEST CENTER IS COVERED BY CLEAR, VERY GOOD QUALITY PHOTOGRAPHY. AT COMPLEX G, LAUNCH PADS G5 AND G6 ARE CONFIRMED AS A SOFT LAUNCH AREA AND G8 AND G9 AS A PROBABLE SOFT LAUNCH AREA. THE COMPLETE REPORT ON THE TYURATAM MISSILE TEST CENTER WILL APPEAR IN PART II OF THE OAK FOR MISSION 1009-2. 25X1A

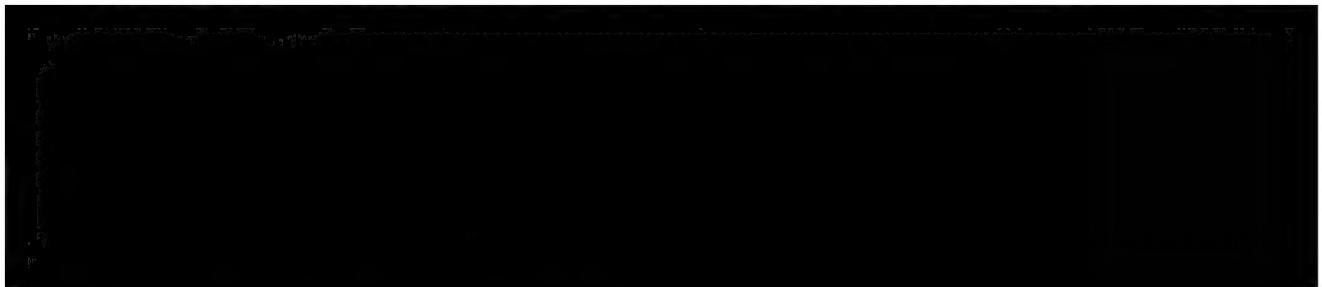
2. KOMSOMOLSK SHIPYARD AMUR 199 (COMOR)

A POSSIBLE E-CLASS SSGN AND ANOTHER POSSIBLE SUBMARINE ARE SIDE BY SIDE IN THE BASIN. 25X1A

3. ANGARSK AREA, SUSPECT AMM ACTIVITY (COMOR)

ONE HEN HOUSE-TYPE STRUCTURE APPEARS TO BE ROOFED, THE SECOND HAS LINEAR EXCAVATIONS WITH FOOTINGS NORTH AND SOUTH OF THE PROBABLE CONTROL BUILDING, CONSTRUCTION OF THE THIRD PROBABLE CONTROL BUILDING AND EXCAVATIONS HAS BEGUN, AND A NEW 2,200- BY 200-FOOT SCAR HAS APPEARED SE OF THE FIRST STRUCTURE AND PARALLEL TO BUT SW OF THE THIRD. 25X1A

25X2



STATUS OF COMOR TARGET READOUT

FORTY-FIVE ACTIVE COMOR TARGETS WERE OBSERVED IN THE CURRENT REPORTING PERIOD AND ARE CONTAINED IN THIS REPORT.

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**Missiles**

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25X1A

MISSILES

██████████ SHADRINSK ICBM COMPLEX UR 5608N 06340E

THE SHADRINSK ICBM COMPLEX IS COVERED BY FAIR QUALITY STEREO PHOTOGRAPHY. NO SIGNIFICANT CHANGE IS OBSERVED AT THE RAIL-TO-ROAD TRANSFER POINT OR LAUNCH AREA B (SITE 2) SINCE MISSION ██████████. THE COMPLEX SUPPORT FACILITY IS IDENTIFIED ONLY. LAUNCH AREA A (SITE 1) IS CLOUD COVERED, WITH THE EXCEPTION OF THE LAUNCH SUPPORT FACILITY, WHICH SHOWS NO SIGNIFICANT CHANGE SINCE MISSION ██████████. LAUNCH AREA C (SITE 3) IS IN CLOUD SHADOW AND STILL APPEARS TO BE IN A LATE STAGE OF CONSTRUCTION. A LINEAR SCAR IS NOTED ORIGINATING AT THE SITE SUPPORT FACILITY OF LAUNCH AREA C (SITE 3), EXTENDING APPROXIMATELY 2,500 FT SOUTH, AND TERMINATING IN A WOODED AREA. AT THE TERMINUS IS ONE POSSIBLE BUILDING, A DITCH OR TRENCH, AND A SMALL CLEARING. NO OTHER NEW CONSTRUCTION ACTIVITY OBSERVED.

25X1D

25X1D

NO ABM ACTIVITY IS NOTED WITHIN A 50-NM RADIUS.

25X1D

██████████  
25X1A

██████████ TYUMEN ICBM COMPLEX UR 5652N 06553E

25X1D

THE TYUMEN ICBM COMPLEX IS COVERED BY FAIR QUALITY STEREO PHOTOGRAPHY. NO SIGNIFICANT CHANGE SINCE MISSION ██████████, OBSERVED IN THE COMPLEX, SUPPORT FACILITY, RAIL-TO-ROAD TRANSFER POINT, LAUNCH AREA A (SITE 3), LAUNCH AREA C (SITE 2), OR THE UNIDENTIFIED AREA NORTH OF THE COMPLEX SUPPORT FACILITY. NO NEW CONSTRUCTION ACTIVITY OBSERVED IN CLOUD-FREE AREAS OF THE COMPLEX, EXCEPT A SMALL AREA OF UNIDENTIFIED SCARRING ABOUT 1,000 FT WEST OF THE COMPLEX, WHICH WAS PRESENT ON MISSION ██████████.

25X1D

NO ABM ACTIVITY OBSERVED IN THE CLOUD-FREE PORTION OF THE WESTERN TWO-THIRDS OF THE 50-NM RADIUS SEARCH AREA.

██████████  
25X1D

25X1A

MAZANKA MRBM LAUNCH SITE UR 4454N 03420E

THE LAUNCH SITE IS OBSCURED BY CLOUDS. BUT THE

25X2

[REDACTED]

25X1D

[REDACTED]

25X1A

SLAVSK MRBM LAUNCH SITE 2 UR 5500N 02129E

SITE IS CLOUD COVERED. NO NEW SSM ACTIVITY IN CLOUD-FREE PORTIONS. AREA CANNOT BE NEGATED DUE TO CLOUDS.

25X1D

[REDACTED]

25X1A

GUSEV MRBM LAUNCH SITE 1 UR 5441N 02205E

NO NEW SSM ACTIVITY OBSERVED IN CLOUD-FREE PORTIONS. AREA CANNOT BE NEGATED DUE TO CLOUDS.

25X1D

[REDACTED]

25X1A

NEMAN MRBM LAUNCH SITE UR 5501N 02211E

NO NEW SSM ACTIVITY OBSERVED IN CLOUD-FREE PORTION. AREA CANNOT BE NEGATED DUE TO CLOUDS.

[REDACTED]

25X1D

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25X1A

[REDACTED] BAYRAM-ALI IRBM LAUNCH SITE UR 3746N 06212E

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25X1D

25X1A

[REDACTED] SMORGON IRBM LAUNCH SITE 2 UR 5426N 02618E



25X2

25X1D

25X1A

[REDACTED] REDKINO MRBM LAUNCH SITE UR 5724N 02826E



25X2

25X1D

25X1A

[REDACTED] SHIRVANSKAYA MRBM LAUNCH SITE UR 4425N 03954E

[REDACTED] NO NUCLEAR WARHEAD OR ELECTRONICS FACILITIES  
OBSERVED.

25X2

25X1D

25X1D

25X1A

[REDACTED] POSTAVY MRBM LAUNCH SITE 2 UR 5506N 02700E

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25X1D

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25X1A

[REDACTED] Krasnoyarsk Explosives Plant Zlobino UR 5602N 09303E

NO APPARENT CHANGE SINCE MISSION [REDACTED]

25X1D

25X1D

25X1A

[REDACTED] Krasnoyarsk Rocket Engine Test Fac UR 5605N 09327E

NO APPARENT CHANGE SINCE MISSION [REDACTED]  
IN CLOUD-FREE AREAS.

25X1D

25X1D

25X1A

[REDACTED]

25X1D

25X1D

25X1A

[REDACTED] BIYSK, STATIC TEST FACILITY UR 5229N 08507E

NO CHANGE IN FACILITIES IN CLOUD-FREE AREAS SINCE  
MISSION [REDACTED]

25X1D

25X1D

25X1A

[REDACTED] ALEYSK SUSPECT SSM AREA UR 5229N 08247E

THE 50-NM SEARCH AREA IS 50 PERCENT CLOUD COVERED.  
NO SSM ACTIVITY OBSERVED IN CLOUD-FREE PORTIONS.

25X1D

[REDACTED]

25X1A

[REDACTED] ZHDANOV SUSPECT ANTI-SATELLITE LNCH FAC UR 4705N 03730E

NO ANTI-SATELLITE LAUNCH FACILITY OBSERVED IN 50-NM  
RADIUS OF ZHDANOV IN CLOUD-FREE AREAS.

25X1D

25X1A

[REDACTED] KOMSOMOLSK SHIPYARD AMUR 199 UR 5033N 13702E

VESSELS -- ONE POSSIBLE E-CLASS SSGN, APPROXIMATELY 380 FT OVERALL, WITH ANOTHER POSSIBLE SUBMARINE ALONGSIDE. TWO UNOCCUPIED TRANSPORTER DOCKS, 2 UNIDENTIFIED SURFACE SHIPS, AND SMALLER CRAFT ARE ALSO PRESENT.



25X1D

25X1A

[REDACTED] LENINGRAD PROBABLE AMM AREA UR 5955N 03020E

THE NORTHERN HALF OF THE SEARCH AREA IS COMPLETELY CLOUD COVERED AND 70 PERCENT OF THE SOUTHERN HALF IS OBSCURED BY SCATTERED-TO-HEAVY CLOUDS, CLOUD SHADOW, AND HAZE. NO NEW AMM-RELATED FACILITIES IDENTIFIED IN THE CLOUD-FREE AREAS.

SMALL SEGMENT OF THE SW PROBABLE AMM LAUNCH COMPLEX IS IDENTIFIED ONLY. THE NW AND NE COMPLEXES AND THE POSSIBLE AMM TRAINING FACILITY ARE CLOUD COVERED.

25X1D

25X1A

[REDACTED] CHOKURDAKH, SUSPECT ABM AREA UR 7037N 14753E

SEARCH AREA 99 PERCENT CLOUD COVERED. NO HEN HOUSE, HEN EGG, OR OTHER SARY-SHAGAN-TYPE RADARS OBSERVED IN VISIBLE AREAS.

25X1D

25X1A

[REDACTED] ANGARSK AREA, SUSPECT AMM ACTIVITY UR 5253N 10315E

A FOURTH CLEARING MEASURING 2,200 BY 200 FT HAS APPEARED IN THE OPERATIONS FACILITY OF THIS SITE SINCE MISSION [REDACTED]. THIS CLEARING, DESIGNATED AREA D, IS ORIENTED GENERALLY PARALLEL TO THE THIRD REPORTED HEN HOUSE-TYPE STRUCTURE, C, SO THAT THESE 2 WILL FORM A MIRROR IMAGE OF THE FIRST AND

25X1D

SECOND OBSERVED STRUCTURES, A AND B. THE PROBABLE CONTROL BUILDING AT AREA A APPEARS TO BE IN FINAL STAGES OF CONSTRUCTION. THE 2 LONG HEN HOUSE-TYPE STRUCTURES ON EITHER END OF THE PROBABLE CONTROL BUILDING HAVE BEEN ROOFED. AT AREA B, THE 3 WINGS OF THE PROBABLE CONTROL BUILDING HAVE BEEN ERECTED SINCE

[REDACTED] WHILE THE LARGE CENTRAL RECTANGULAR PORTION OF THE BUILDING IS IN AN EARLY STAGE OF CONSTRUCTION. THE EXCAVATION OF THE LINEAR SITE TO THE SOUTH OF THE PROBABLE CONTROL BUILDING, OBSERVED ON MISSION [REDACTED], APPEARS COMPLETE. THE LINEAR SITE NORTH OF THE BUILDING, A CLEARING ON MISSION [REDACTED], HAS NOW BEEN EXCAVATED. THERE APPEAR TO BE 4 ROWS OF POSSIBLE FOOTINGS IN EACH OF THE LINEAR EXCAVATIONS. AT AREA C, WORK HAS BEGUN ON THE PROBABLE CONTROL BUILDING SINCE MISSION [REDACTED]. THREE WINGS ARE UNDER CONSTRUCTION, WHILE THE CENTRAL RECTANGULAR PORTION OF THE BUILDING HAS NOT BEGUN. A LONG EXCAVATION ON THE SW SIDE OF THIS PROBABLE CONTROL BUILDING APPEARS IN A LATE STAGE OF CONSTRUCTION AND A LINEAR EXCAVATION TO THE NW IS IN PROGRESS. AT BOTH AREAS A AND B THE BULK OF THE PROBABLE CONTROL BUILDINGS IS LOCATED TO THE EAST OF THE LINEAR STRUCTURES, WHILE AT AREA C THE BULK OF THE BUILDING IS TO THE NW OF THE LINEAR PATTERN. THERE IS NO SIGNIFICANT CHANGE IN THE SUPPORT AREA.

(ATTACHMENT 1)

25X1D

[REDACTED]

25X1D

25X1D

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**Air  
Facilities**

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25X1A

AIR FACILITIES

██████████ BARANOVICHI AIRFIELD UR 5306N 02603E

AIRCRAFT -- 7 BLINDER, ONE PROBABLE BLINDER,  
22 BADGER, AT LEAST 23 PROBABLE SWEPT-WING FIGHTERS,  
AND 5 POSSIBLE UNIDENTIFIED AIRCRAFT.

CLOUD COVER IN MAINTENANCE AREA AND LOADING AREA  
PRECLUDES FURTHER INTERPRETATION.

25X1D

25X1A

██████████ MINSK/MACHULISHCHE AIRFIELD UR 5347N 02734E

AIRCRAFT -- NONE OBSERVED.

SCATTERED CLOUDS, OBLIQUITY, AND POOR IMAGE QUALITY  
PRECLUDE INTERPRETATION.

25X1D

25X1A

██████████ BELAYA AIRFIELD UR 5254N 10335E

AIRCRAFT -- ONE BULL AND 57 BADGER ON MAIN  
PARKING APRON AND MAINTENANCE AREAS JUST  
WEST OF PARKING APRON, 5 SWEPT-WING FIGHTERS AND 6  
POSSIBLE SWEPT-WING FIGHTERS ON END CROSSOVER  
TAXIWAYS.

25X1D

25X1A

██████████ BYKHOV AIRFIELD UR 5331N 03012E

AIRCRAFT -- 14 BADGER AND 39 PROBABLE BADGER.

25X1D

NO APPARENT CHANGE IN FACILITIES SINCE MISSION

25X1D

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[REDACTED] GOMEL/PRIBYTKI AIRFIELD UR 5218N 03110E

AIRCRAFT -- 13 BLINDER AND 9 BADGER ON MAIN PARKING APRON, 5 BLINDER ON HARDSTANDS EAST OF MAIN PARKING APRON, 3 BLINDER IN MAINTENANCE AREA, 9 BLINDER AND 6 PROBABLE BLINDER ON HARDSTANDS WEST OF MAIN PARKING APRON, ONE BLINDER, 4 BADGER, 2 PROBABLE BADGER, AND ONE PROBABLE BULL ON HARDSTANDS SOUTH OF WNW END OF RUNWAY.

25X1D

25X1A

[REDACTED] BOBRUYSK AIRFIELD UR 5306N 02912E

NO NEW CONSTRUCTION ACTIVITY OBSERVED.

AIRCRAFT -- 50 BADGER ON HARDSTANDS ALONG TAXIWAY, 2 PROBABLE BULL AND 2 POSSIBLE CAB ON GRASS AT EAST END OF RUNWAY, AND ONE PROBABLE BULL ON HARDSTAND AT EAST END OF RUNWAY.

25X1D

25X1A

[REDACTED] SOLTSY AIRFIELD UR 5808N 03020E

NO APPARENT CHANGE SINCE MISSION [REDACTED]

25X1D

AIRCRAFT -- 21 BADGER AND 2 POSSIBLE BADGER.

SW HARDSTANDS PARTLY CLOUD COVERED.

25X1D

25X1A

[REDACTED] OSTROV/GOROKHOVKA AIRFIELD UR 5718N 02826E

AIRCRAFT -- 30 PROBABLE BADGER, ONE MEDIUM STRAIGHT-WING, AND ONE LIGHT STRAIGHT-WING.

SUPPORT AREA AND EAST HARDSTANDS COVERED BY SCATTERED CLOUDS.

NO APPARENT CHANGE SINCE MISSION [REDACTED]

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25X1D

25X1A

PARNU AIRFIELD UR 5825N 02428E

ONE POSSIBLE SMALL STRAIGHT-WING AIRCRAFT.

POOR IMAGE QUALITY AND HEAVY HAZE PRECLUDE DETAILED  
INTERPRETATION AT ELECTRONICS OR COMMUNICATIONS  
FACILITIES.

25X1D

25X2

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**Naval  
Activity /  
Ports**

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25X1A

NAVAL ACTIVITY/PORTS

[REDACTED] BALAKLAVA SUBMARINE BASE UR 4430N 03336E

25X1D

NO APPARENT CHANGE IN FACILITIES SINCE  
MISSION [REDACTED]

VESSELS -- 3 W/R-CLASS SS, 4 SS, 2 POSSIBLE SS,  
AND 2 SMALL AUXILIARIES.

NO NUCLEAR OR MISSILE-RELATED FACILITIES  
OBSERVED. PORT AREA IS CLOUD FREE, NEARBY AREA  
IS PARTLY CLOUD COVERED.

25X1D

[REDACTED]  
25X1A [REDACTED] SEVASTOPOL NVL BASE & SHPYD SEVMORZAVOD UR 4436N 03332E

VESSELS -- 3 CL ANCHORED IN THE BAY. TWO CL, 6 DD,  
5 DE, 3 W/R-CLASS SS, 2 J-CLASS SSG, 3 SMALL  
SS, 10 MSF, 3 AUXILIARIES, ONE FLOATING DRYDOCK,  
AND NUMEROUS SMALL VESSELS AT THE NAVAL BASE AND  
SHIPIARD. SIX DD AND 4 DE AT A QUAY NEAR THE  
SEVASTOPOL NAVAL MINE AND TORPEDO STORAGE AREA.  
ONE DD AND 4 W/R-CLASS SS IN KILENBALOCHNAYA BAY.  
ONE VESSEL 200 FT LONG AND ONE PROBABLE VESSEL  
300 FT LONG ON THE BUILDING WAYS AT THE SHIPIARD.

ENTIRE AREA COVERED BY CLEAR PHOTOGRAPHY. NO  
APPARENT CHANGE IN FACILITIES SINCE MISSION [REDACTED]

25X1D

25X1D

[REDACTED]  
25X1A [REDACTED] LENINGRAD SHIPYARD BALTIYSK/ORDZH 189 UR 5955N 03016E

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25X1D

[REDACTED]  
25X1A [REDACTED] LENINGRAD SHIPYARD ADMIRALTY 194 UR 5955N 03016E  
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25X1D

25X1A

LENINGRAD SHIPYARD SUDOMEKH 196 UR 5956N 03017E

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25X1D

LENINGRAD SHIPYARD ZHDANOV 190 UR 5952N 03014E

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25X1D

25X2

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**Electronics/  
Communications**

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ELECTRONICS/COMMUNICATIONS

SIMFEROPOL TRACKING & COMM CENTER UR 4503N 03353E

CONSTRUCTION CONTINUES IN AREAS REPORTED ON  
MISSION [REDACTED] BUT POOR IMAGE QUALITY  
PRECLUDES DETAILED INTERPRETATION.

25X1D

25X1D

MING-SHUI POSS MISSILE TRACKING STATION CH 4155N 09620E

NO MISSILE-TRACKING FACILITIES OBSERVED IN  
CLOUD-FREE AREAS.

25X1D

**Complexes**

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COMPLEXES

[REDACTED] NORILSK COMPLEX UR 6920N 08812E

25X1D

NO NEW CONSTRUCTION SINCE MISSION [REDACTED]  
NOTED AT MAJOR FACILITIES OBSERVED IN CLOUD-FREE  
AREAS.

COMPLEX 30 PERCENT CLOUD COVERED. CLOUDS OBSCURE  
THE COPPER SMELTER AND HEAVY WATER PLANT. NUMEROUS  
STACKS IN THE COMPLEX ARE EMITTING SMOKE.

25X1D

[REDACTED]

**Other  
Activity**

25X1A

OTHER ACTIVITY

[REDACTED] BULYZHINO SENSITIVE OPERATIONS COMPLEX UR 5615N 02819E

BUNKER 4 IS NOW PARTIALLY EARTH COVERED. BUNKER 5 IS NEARLY COMPLETED, BUT NOT YET EARTH COVERED. FOUNDATIONS ARE NOW VISIBLE IN EXCAVATION FOR BUNKER 6. LOOP ROAD SERVING THE OPERATIONS AREA HAS NOT BEEN FURTHER EXTENDED SINCE MISSION [REDACTED]

25X1D

25X1D [REDACTED]. THE ROAD-TO-RAIL TRANSLOADING BUILDING IN THE OPERATIONS SUPPORT RAIL FACILITY IS NOW SERVED BY A LOOP ROAD, AND SOME OF THE ROLLING STOCK IN THE RAIL FACILITY IS IN MOTION.

25X1D

25X1A

25X1D

25X1D

**Attachments**

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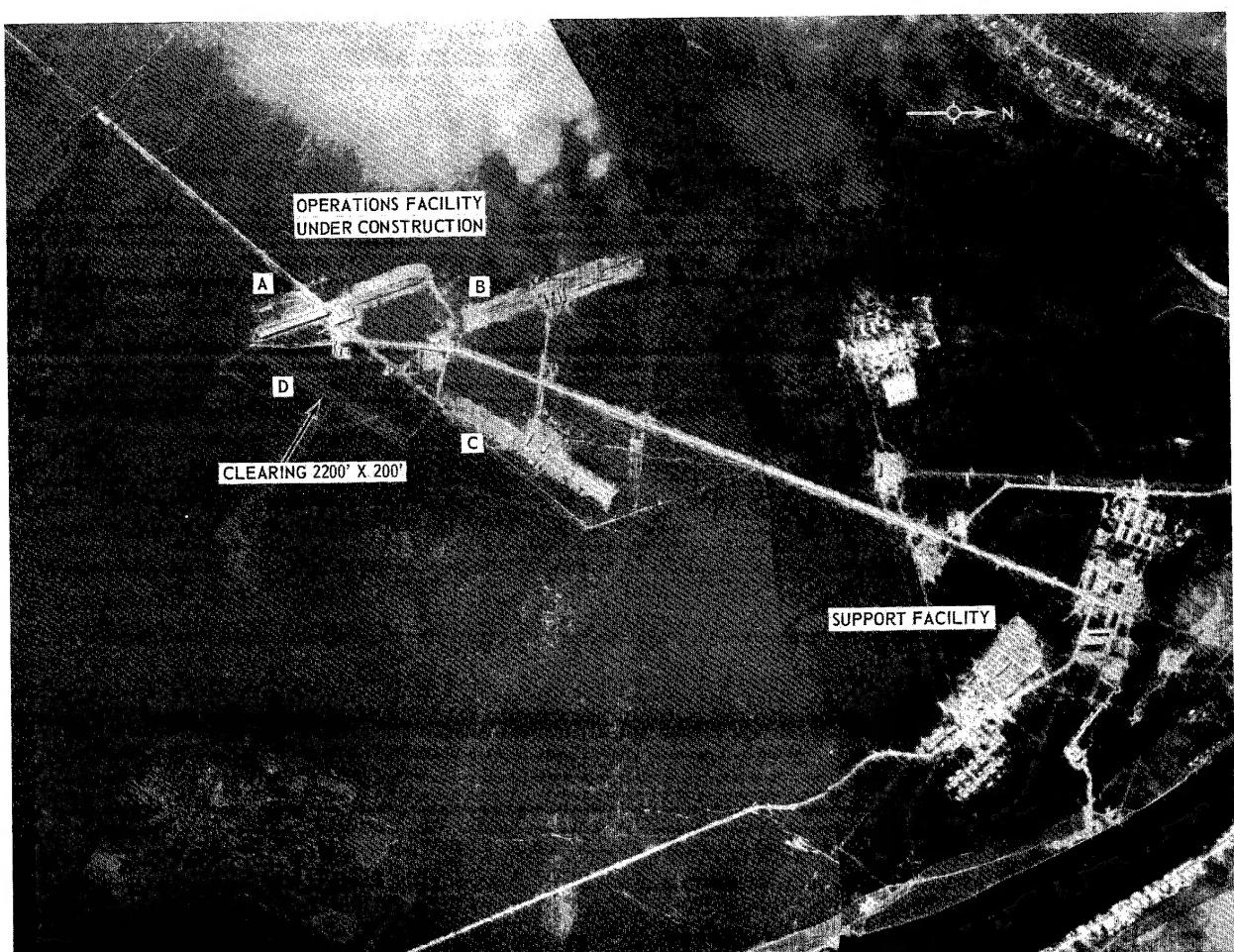
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ATTACHMENT 1



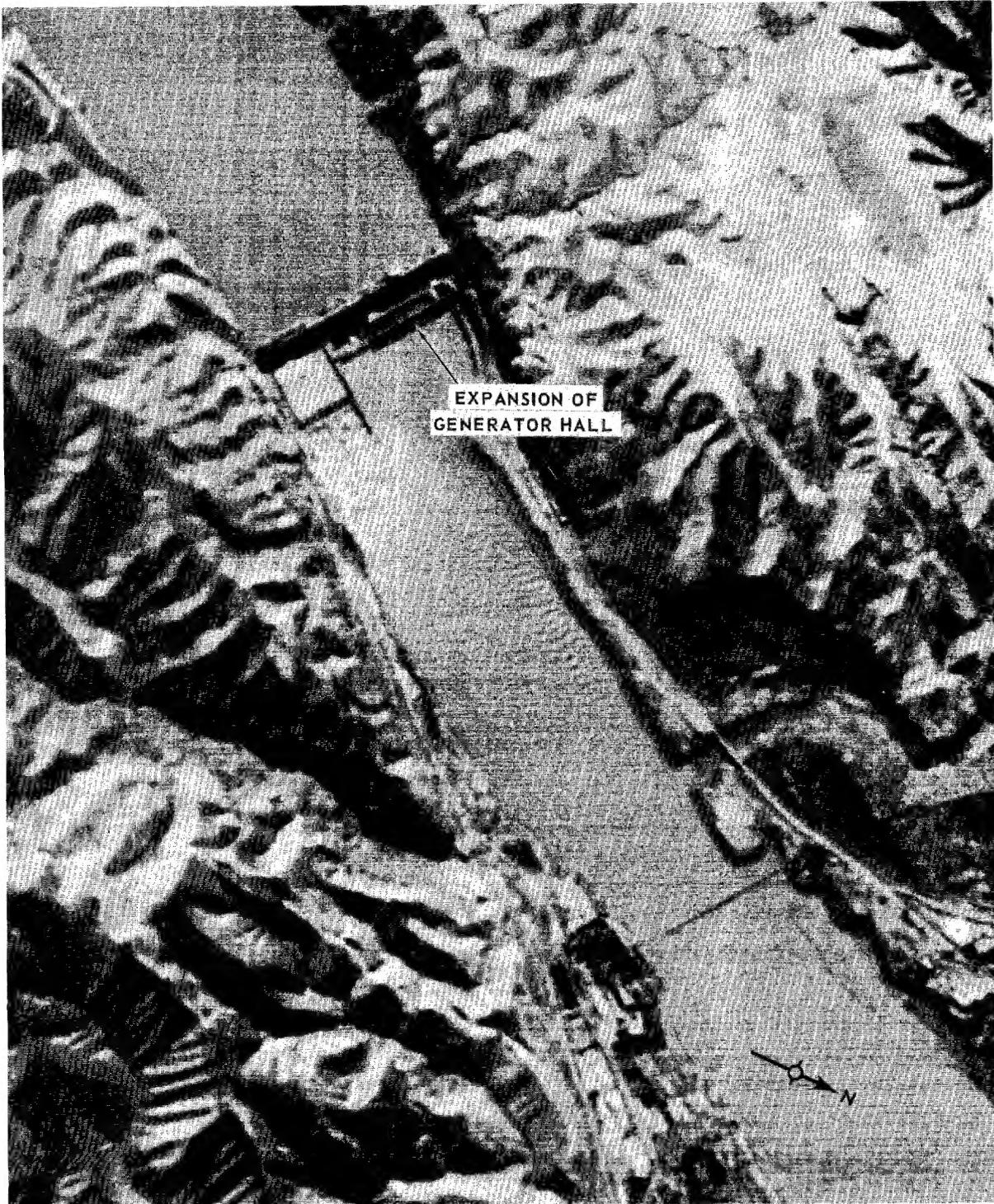
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TOP SECRET CHESS RUFF  
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17815/64  
NPIC/R-799/64  
ATTACHMENT 2



NPIC J-3564 (8/64)

HYDROELECTRIC POWER PLANT UNDER CONSTRUCTION, YEN-KUO HSIA, CHINA

Approved For Release 2000/08/21 : CIA-RDP78B04560A002500010028-1  
TOP SECRET CHESS RUFF  
TALENT-KEYHOLE  
Control System Only

25X2

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TOP SECRET

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TOP SECRET